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10 JAN 1950

MEMORANDUM

SUBJECT: Soviet Orbit Petroleum

1. The status of oil refineries in the satellite countries along the Danube is as follows:

a. Rumania - The bulk of the Rumanian refining is done in the Ploesti area in which are located eight of the eleven major Rumanian refineries. Total Rumanian refinery throughput reached a high of 11,245,000 metric tons in 1942. As a result of war damage capacity declined approximately 54 percent to about 5,200,000 metric tons in 1944. By 1947 capacity had been restored to approximately 8,000,000 metric tons. Present capacity remains approximately at the same figure and is ample to handle the present indigenous production of crude oil. Petroleum facilities in Constanza consists only of storage tanks.

b. Hungary - The bulk of Hungarian refining is done in the Budapest area in which are located five refineries (three in Budapest, one in Petfurdo, and one in Almasfuzito). The total planned throughput capacity of these refineries was approximately 800,000 metric tons. War damage prevented the attainment of this figure and reduced the capacity to approximately 550,000 metric tons. All war damage has been repaired, and present capacity is believed to be approximately 800,000 metric tons.

c. There are no operating refineries along the Danube in Yugoslavia.

2. New production along North Shore of Caspian Sea - Production in this area is limited to the Emba region, an area running generally north and northeast from Guryev on the Caspian to Akyubinsk. The Emba region produced 700,000 metric tons of petroleum in 1940. Output rose only slightly between 1940 and 1945, owing to decline in production of the old fields. In 1948 the Emba oil fields exceeded the 1940 level of output by 19.7 percent, and 837,000 tons of crude oil were produced in that year. Soviets claim that new oil bearing deposits, discovered in 1948, will produce a sharp rise in oil output in the near future. The Fourth Five Year Plan called for a production of 1,200,000 metric tons per year by the end of 1950. This figure represents 3.4 percent of total USSR indigenous crude production planned for 1950.

3. Administration: AKTYUBNEFT, centering around city of AKTYUBINSK, Northeast part of Emba Basin. ENBANEF, centering around city of DOSSOR, Southwestern part of Emba Basin.

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b. **Explorations:** A special commission of the Ministry of the Oil Industry conducted an extensive survey of the petroleum deposits in the Tula region in 1947. This commission ordered 30 deep drillings to a depth of 3,000 meters on the following deposits:

MARA TUBK deposit, near BILAKHTAI, south of Arzhanak.

UPRIVA KAZANIA deposit, 260 km SW of Omsk.

The results of geological surveys carried out in this area during past few years make it likely that the oil-producing area will extend in a NW direction from Omsk between the Tula and Volga Areas, and in a southerly direction from Karakol.

c. **Explorations:** The following oil fields have been brought in since 1948:

ME BUL oil field, near the Ref. Plant Station of the branch line to Eschagyl.

SHAYLI oil field, 55 km SW of Eschagyl.

TTULUS oil field, 80 km E of SHILATA Khol.

KARAKOL oil field, near the town of Karakol on the Caspian Sea.

DRYUS oil field, exact location unknown.

Signed - by hand R.H.
original to naval
aide, white House

R. H. HILLENKETTER
REAR ADMIRAL, USN
DIRECTOR OF CENTRAL INTELLIGENCE

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10 January 1950

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